

Evaluation results:

Algorithms	Run time num1.inp with 1B numbers	Run time num1.inp with 10B numbers	Run time num1.inp with 100B numbers
Bubble_sort	1681.66	X	Impossible
Insertion_sort	135.315	X	Impossible
Shell_sort	0.172	2.268	29.006
Quick_sort	0.104	0.88	8.908
Pigeon_sort	0.06	0.328	3.176
Counting_sort	0.02	0.372	3.192
Computer01 OS: Windows 10 Pro RAM: 16 Gbs CPU : Core i5-4310U Language of Program: C-FREE 5.0			